

Title (en)

MEDICAL DEVICES HAVING COATINGS FOR CONTROLLED THERAPEUTIC AGENT DELIVERY

Title (de)

MEDIZINISCHE VORRICHTUNGEN MIT BESCHICHTUNGEN ZUR GESTEUERTEN THERAPIEWIRKSTOFFABGABE

Title (fr)

DISPOSITIFS MÉDICAUX AYANT DES REVÊTEMENTS POUR UNE ADMINISTRATION CONTRÔLÉE D'AGENT THÉRAPEUTIQUE

Publication

**EP 2094202 B1 20140813 (EN)**

Application

**EP 07874118 A 20071109**

Priority

- US 2007023601 W 20071109
- US 85784906 P 20061109

Abstract (en)

[origin: WO2008140482A2] According to an aspect of the invention, medical devices are provided, which include a nanoparticle-derived inorganic layer disposed over at least a portion of structure that includes a substrate, and optionally, a therapeutic-agent-containing layer disposed over at least a portion of the substrate. In some embodiments, the inorganic layer is a nanoporous inorganic layer. Other aspects of the invention comprise methods for forming such medical device.

IPC 8 full level

**A61F 2/82** (2013.01); **A61L 31/08** (2006.01)

CPC (source: EP US)

**A61F 2/06** (2013.01 - US); **A61L 27/30** (2013.01 - EP US); **A61L 27/54** (2013.01 - EP US); **A61L 31/082** (2013.01 - EP US); **A61L 31/16** (2013.01 - EP US); **A61F 2250/0068** (2013.01 - EP US); **A61L 2300/00** (2013.01 - EP US); **A61L 2400/12** (2013.01 - EP US); **A61N 1/05** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2008140482 A2 20081120; WO 2008140482 A3 20090319**; CA 2677694 A1 20081120; EP 2094202 A2 20090902; EP 2094202 B1 20140813; JP 2010508975 A 20100325; US 2008147177 A1 20080619; US 2009123521 A1 20090514; US 7981150 B2 20110719; US 8586072 B2 20131119

DOCDB simple family (application)

**US 2007023601 W 20071109**; CA 2677694 A 20071109; EP 07874118 A 20071109; JP 2009536305 A 20071109; US 86025307 A 20070924; US 98379607 A 20071109